PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT IS LOCATED HARFORD COUNTY, MARYLAND AND INVOLVES THE CONSTRUCTION OF US I (HICKORY BYPASS) AND THE INSTALLATION OF AN INTERCONNECT SYSTEM ALONG US I (HICKORY BYPASS) FROM US I BUSINESS TO MD 543 AND ALONG MD 23 FROM US I TO US I BUSINESS. US I (HICKORY BYPASS) IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

II. SPECIAL NOTES

- I. THE SIGNAL SHOP WILL BE NOTIFIED TO PERFORM INTERNAL WIRING OF THE CABINETS AT THE FOLLOWING INTERSECTIONS: US | AT US | BUSINESS, US | AT MD 23, US | AT MD 543. AND MD 23 AT US I BUSINESS. ALL CABLE SHALL BE IDENTIFIED AND BROUGHT INTO THE CONTROLLER BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY MR. EDWARD RODENHIZER. SHA SIGNAL SHOP AT (410) 787-7650 SEVENTY-TWO (72) HOURS IN ADVANCE OF THIS WORK.
- MOT PLATES FOR THIS PROJECT WILL BE AS FOLLOWS: 104.00 TO 104.00-12, 104.02-01, 104.03-01

CONSTRUCTION DETAILS

- INSTALL CONTROLLER AS SHOWN ON US 1/US I BUSINESS SIGNAL PLAN
- INSTALL CONDUIT AS SHOWN ON US I/US I BUSINESS SIGNAL PLAN
- INSTALL 2" SCHEDULE 80 PVC CONDUIT TRENCHED
- INSTALL HANDHOLE AS SHOWN ON US 1/US I BUSINESS SIGNAL PLAN
- INSTALL HANDHOLE
- INSTALL 12 PAIR JELLY FILLED NO. 19 AWG INTERCONNECT WIRING - UNDERGROUND
- INSTALL HANDHOLE AS SHOWN ON US 1/MD 23 SIGNAL PLAN
- INSTALL CONDUIT AS SHOWN ON US 1/MD 23 SIGNAL PLAN
- INSTALL HANDHOLE AS SHOWN ON MD 23/US I BUSINESS SIGNAL PLAN
- INSTALL CONDUIT AS SHOWN ON MD 23/US I BUSINESS SIGNAL PLAN
- INSTALL HANDHOLE AS SHOWN ON US I/MD 543 SIGNAL PLAN
- (I) INSTALL CONDUIT AS SHOWN ON US I/MD 543 SIGNAL PLAN
- INSTALL CONTROLLER AS SHOWN ON US 1/MD 543 SIGNAL PLAN
- INSTALL CONTROLLER AS SHOWN ON MD 23/US I BUSINESS SIGNAL PLAN
- INSTALL CONTROLLER AS SHOWN ON US I/MD 23 SIGNAL PLAN
- INSTALL 6' X 6' LOOP DETECTOR FOR SAMPLING
- INSTALL I INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
- INSTALL TWO 2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED
- INSTALL THREE 2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED
- INSTALL FIVE 2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED
- INSTALL FOUR 2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED
- INSTALL I INCH GALVANIZED CONDUIT FOR DETECTOR SLEEVE
- INSTALL SIX 2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY SHA AND INSTALLED BY THE CONTRACTOR

B. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR

QUANTITY

145 LF

CATEGORY

CODE

805011

ITEM NO.

CATEGORY

<u>CODE</u> QUANTITY ITEM NO.

DESCRIPTION

 FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
 3	MD			

Chief, Traffic Operations Division (410) 787-7630

Mr. Richard L. Daff. Sr.

DISTRICT # 4 ARE AS FOLLOWS:

Mr. Randall Scott Asst. District Engineer - Traffic (410) 321-2781

THE FOLLOWING CONTACT PERSONS FOR

Mr. Joseph McMahon Utility Engineer $(410) \ 321 - 2841$

Mr. David Malkowski District Engineer (410) 321-2810

Mr. David Ramsey Asst. District Engineer - Maintenance (410) 321-2761

The Power Company Representative is:

Mr.Tony Battista Baltimore Gas and Electric Company 1068 North Front Street Room 200 Baltimore, Maryland 21202 (410) 291-3118

805105	3260 LF	FURNISH AND INSTALL 2 IN SCHEDULE 80 PVC CONDUIT - TRENCHED
805160	40 LF	FURNISH AND INSTALL I IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE
811001	15 EA	FURNISH AND INSTALL HANDHOLE
822002	6580 LF	FURNISH AND INSTALL ELECTRICAL CABLE 12 PAIR JELLY FILLED NO.19 AWG INTERCONNECT - UNDERGROUND
861104	3290 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR ALUMINUM SHIELDED
862101	2125 LF	FURNISH AND INSTALL LOOPWIRE IN FLEXIBLE TUBING
862102	1900 LF	FURNISH AND INSTALL SAWCUT FOR SIGNAL

FURNISH AND INSTALL I IN. ELECTRICAL CONDUIT - GALVANIZED SLEEVE

DESCRIPTION

LOG MILE:

REVISIONS APPROVALS MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety DESIGN SECTION TRAFFIC ENGINEERING DESIGN DIVISION ASST. DISTRICT ENGINEER, TRAFFIC

DIRECTOR, TRAFFIC & SAFETY

US 1 (HICKORY BYPASS) INTERCONNECT

N.E.M. DRAWN BY: TS NO. AC-NH-G-T23-T(30)E F.A.P. NO. M.J.W. SHEET NO. HA8735170 S.H.A. NO. I" = 20' SCALE: 3856-XGI 205 OF 259 3/99 COUNTY DATE:

Engineering A Brighter Future